**SCOPE 41 ЛИ**

**Sofia, 10.07.2024**

**TECHNOTEST AD**

**TESTS DIRECTORATE**

**Management address**: 1528 Sofia, Iskar District, 10 Poruchik Nedelcho Bonchev Str.

**Laboratory address**: 1528 Sofia, Iskar District, 10 Poruchik Nedelcho Bonchev Str.

**To perform testing of:**

| **Type of the scope:** fixed |
| --- |
| **№** | **Tested Products** | **Type of Test/Characteristic** | **Testing methods****(standard / validated method)** |
| **1** | **2** | **3** | **4** |
| 1. | Passenger Cars (category M1) | 1.1. linear and/or angular dimensions | БДС EN 1789:2020+A1:2024;ISO 3208:1974Ordinance № 60/ 2009, last amended 09.10.2020 48)Regulation (EU) 2018/858, last amended 06.09.2021 46)UNECE Regulation № 21 Revision 2/12.10.1993 5)UNECE Regulation № 26 Revision 2/03.02.2023 б)UNECE Regulation № 43 Revision 4/08.10.2015 10)UNECE Regulation № 46 Revision 7/08.10.2022 12)UNECE Regulation № 48 Revision 12/09.10 2014 13)UNECE Regulation № 67 Revision 6/31.01.2023 22)UNECE Regulation № 79 Revision 5/04.01.2023 26)UNECE Regulation № 100 Revision 3/23.03.2022 30)UNECE Regulation № 110 Revision 7/22.06.2022 35)UNECE Regulation № 121 Revision 2/15.06.2015 37)UNECE Regulation № 125 Revision 3/08.10.2022 38)Implementing Regulation (EU) 2021/535, Annexes III, V, II, VIII, X, XIII 39)Metrology & Measuring Tools, ISBN 978-954-334-093-4, vol. 2, Chapter 6 50) |
| 1.2. mass, load, strength\*\* | БДС 16225:1985;БДС EN 1789:2020+A1:2024;ISO 10392:2011;UNECE Regulation № 46 Revision 7/08.10.2022 12)UNECE Regulation № 79Revision 5/04.01.2023 26)Implementing Regulation (EU) 2021/535, Annexes VII, XIII 39) |
| 1.3. time\* | БДС 16287:1985;ISO 6597:2005;UNECE Regulation № 79Revision 5/04.01.2023 26) |
| 1.4. driving distance\* | БДС 16287:1985;ISO 6597:2005 |
| 1.5. driving speed\* | БДС 16287:1985;ISO 6597:2005UNECE Regulation № 39Revision 2/18.06.2016 8)UNECE Regulation № 46Revision 7/08.10.2022 12)UNECE Regulation № 79Revision 5/04.01.2023 2б) |
| 1.6. fuel consumption\* | БДС 16287:1985;UNECE Regulation № 21/15.07.1990 (asnnex 4, item 3.3.1.) 28) |
| 1.7. noise level\* | БДС 12948:1986;БДС ISO 5128:2023;ISO 5130:2019:2019Ordinance № 61/2003, last amended 01.07.2013 49)Directive 70/157/EEC, last amended 10.06.2013 45)UNECE Regulation № 51Revision 3/20.01.201614)UNECE Regulation № 59 Revision 3/25.09.2020 18)UNECE Regulation № 103Revision 1/23.02.1997 32) |
| 1.8. audible alarm sound level\* | БДС ISO 6969:2015UNECE Regulation № 28/31.10.1972 7) |
| 1.9. light transmission through the windows | ISO 3538:1997UNECE Regulation № 43 Revision 4/08.10.2015 10) |
| 1.10. braking performance\*\* | БДС 16287:1985;ISO 6597:2005;Ordinance № Н-32/ 2011, Annex 5, Part II, last amended 22.12.2023 47)UNECE Regulation № 13-НRevision 4/09.02.2017 3)UNECE Regulation № 79 Revision 5/04.01.2023 26) |
| 1.11. carbon monoxide content and fume | Ordinance № Н-32/ 2011, Annex 5, Part II,, last amended 22.12.2023 47) |
| 2.  | Freight vehicles (categories N1, N2 and N3) | 2.1. linear and/or angular dimensions\*\* | Ordinance № 60/ 2009, last amended 09.10.2020 48)Regulation (EU) 2018/858, last amended 06.09.2021 46)UNECE Regulation № 46 Revision 7/08.10.2022 12)UNECE Regulation № 48 Revision 12/09.10 2014 13)UNECE Regulation № 67 Revision 6/31.01.2023 22)UNECE Regulation № 79 Revision 5/04.01.2023 26)UNECE Regulation № 100 Revision 3/23.03.2022 30)UNECE Regulation № 110 Revision 7/22.06.2022 35)UNECE Regulation № 121 Revision 2/15.06.2015 37)UNECE Regulation № 55 Revision 2/08.10.2015 16)UNECE Regulation № 58 Revision 3/18.06.2016 17)UNECE Regulation № 61/ 15.07.1984 20)UNECE Regulation № 73 Revision 1/09.12.2010 23)UNECE Regulation № 105 Revision 3/24.09.2023 33)UNECE Regulation № 111/ 28.12.2000 36)Implementing Regulation (EU) 2021/535, Annexes III, II, X, V, VIII, XIII 39)Metrology & Measuring Tools, ISBN 978-954-334-093-4, vol. 2, Chapter 6 50) |
| 2.2. mass, load, strength\*\* | БДС 16225:1985;ISO 10392:2011UNECE Regulation № 46 Revision 7/08.10.2022 12)UNECE Regulation № 58 Revision 3/18.06.2016 17)UNECE Regulation № 73 Revision 1/09.12.2010 23)UNECE Regulation № 105Revision 3/24.09.2023 33)UNECE Regulation № 79 Revision 5/04.01.2023 26)UNECE Regulation № 111/ 28.12.2000 З6)Implementing Regulation (EU) 2021/535, Annexes VII, XIII 39) |
| 2.3. time\* | БДС 12947:1975:БДС 16287:1985;ISO 6597:2005;ISO 7635:2006;UNECE Regulation № 79 Revision 5/04.01.2023 26) |
| 2.4. driving distance\* | БДС 12947:1975;БДС 16287:1985; ISO 6597:2005;ISO 7635:2006;UNECE Regulation № 13Revision 9/05.06.2023 2)UNECE Regulation № 102/ 13.12.199631) |
| 2.5. driving speed\* | БДС 12947:1975; БДС 16287:1985;ISO 6597:2005;ISO 7635:2006UNECE Regulation № 39 Revision 2/18.06.2016 8)UNECE Regulation № 46 Revision 7/08.10.2022 12)UNECE Regulation № 79Revision 5/04.01.2023 26)UNECE Regulation № 89/ 21.01.2000 29) |
| 2.6. fuel consumption\* | БДС 16287:1985UNECE Regulation № 84/ 15.07.1990, (Annex 4, item 3.3.1) 28) |
| 2.7. noise level\* | БДС 12948:1986;БДС ISO 5128:1996;ISO 5130:2019Ordinance № 61/ 2003, last amended 01.07.2013 49)Directive 70/157/EEC, last amended 10.06.2013 45)UNECE Regulation № 51 Revision 3/20.01.201614)UNECE Regulation № 59 Revision 3/25.09.2020 18)UNECE Regulation № 103 Revision 1/23.02.1997 32) |
| 2.8. audible alarm sound level\* | БДС ISO 6969:2015UNECE Regulation № 28/31.10.1972 7) |
| 2.9. light transmission through the windows\*\* | ISO 3538:1997UNECE Regulation № 43 Revision 4/08.10.2015 10) |
| 2.10. braking performance\*\* | Ordinance № Н-32/ 2011, Annex 5, Part II, last amended 22.12.2023 47)UNECE Regulation № 13 Revision 9/05.06.2023 2)UNECE Regulation № 79 Revision 5/04.01.2023 26) |
| 3. | Buses (categories M2 and М3) | 3.1. linear and/or angular dimensions\*\* | Ordinance № 60/2009 last amended 09.10.2020 48)UNECE Regulation № 14 Revision 7/22.06.2022 4)UNECE Regulation № 46 Revision 7/08.10.2022 12)UNECE Regulation № 48 Revision 12/09.10 2014 13)UNECE Regulation № 55 Revision 3/08.10.2015 16)UNECE Regulation № 67 Revision 6/31.01.2023 22)UNECE Regulation № 79 Revision 5/04.01.2023 26)UNECE Regulation № 100 Revision 3/23.03.2022 30)UNECE Regulation № 107 Revision 9/08.10.2022 34)UNECE Regulation № 110 Revision 7/22.06.2022 35)UNECE Regulation № 121 Revision 2/15.06.2015 37)Regulation (EU) 2018/858, last amended 06.09.2021 46)Implementing Regulation (EU) 2021/535, Annexes III, II, X, XIII 39)Metrology & Measuring Tools, ISBN 978-954-334-093-4, vol. 2, Chapter 6 50) |
| 3.2. mass, load, strength\*\* | БДС 16225:1985;ISO 10392:2011;UNECE Regulation № 14 Revision 7/22.06.2022 4)UNECE Regulation № 46/ Revision 7/08.10.2022 12)UNECE Regulation № 79 Revision 5/04.01.2023 26)UNECE Regulation № 107Revision 9/08.10.2022 34)Implementing Regulation (EU) 2021/535, Annexes VII, XIII 39) |
| 3.3. time\* | БДС 16287:1985; ISO 6597:2005;ISO 7635:2006;UNECE Regulation № 79Revision 5/04.01.2023 26) |
| 3.4. driving distance\* | БДС 16287:1985;ISO 6597:2005;ISO 7635:2006;UNECE Regulation № 13Revision 9/05.06.2023 2) |
| 3.5. driving speed\* | БДС 16287:1985;ISO 6597:2005;ISO 7635:2006UNECE Regulation № 39 Revision 2/18.06.2016 8)UNECE Regulation № 46 Revision 7/08.10.2022 12)UNECE Regulation № 79Revision 5/04.01.2023 26)UNECE Regulation № 89/ 21/01/2000 29) |
| 3.6. fuel consumption\* | БДС 16287:1985;UNECE Regulation № 84/ 15.07.1990 (Annex 4, item 3.3.1) 28) |
| 3.7. noise level\* | БДС 12948:1986;БДС ISO 5128:1996;ISO 5130:2019Ordinance № 61/ 2003, last amended 01.07.2013 49)Directive 70/157/EEC, last amended 10.06.2013 45)UNECE Regulation № 51 Revision 3/20.01.201614) |
| 3.8. audible alarm sound level\* | БДС ISO 6969:2015UNECE Regulation № 28/ 31.10.1972 7) |
| 3.9. light transmission through the windows\*\* | ISO 3538:1997UNECE Regulation № 43 Revision 4/08.10.2015 10) |
| 3.10. braking performance\*\* | Ordinance № Н-32/ 2011, Annex 5, Part II, last amended 22.12.2023 47)UNECE Regulation № 13 Revision 9/05.06.2023 2)UNECE Regulation № 79 Revision 5/04.01.2023 26) |
| 4. | Trailers, including semi-trailers, centre axle trailer(s) (categories O1, O2, O3 and O4) | 4.1. linear and/or angular dimensions\*\* | Ordinance № 60/2009, last amended 09.10.2020 48)Regulation (EU) 2018/858, last amended 06.09.2021 4б)UNECE Regulation № 48 Revision 12/09.10 2014 13)UNECE Regulation № 55 Revision 2/08.10.2015 16)UNECE Regulation № 58 Revision 3/18.06.2016 17)UNECE Regulation № 73 Revision 1/09.12.2010 23)UNECE Regulation № 79 Revision 5/04.01.2023 26)UNECE Regulation № 105 Revision 3/24.09.2023 33)UNECE Regulation № 111/ 28.12.2000 З6)Implementing Regulation (EU) 2021/535,Annexes III, II, VIII, XIII 39)Metrology & Measuring Tools, ISBN 978-954-334-093-4 vol. 2, Chapter 6 50) |
| 4.2. mass, load, strength\*\* | БДС 16225:1985Implementing Regulation (EU) 2021/535, Annex 39)UNECE Regulation № 58 Revision 3/18.06.2016 17)UNECE Regulation № 73Revision 1/09.12.2010 23)UNECE Regulation № 79 Revision 5/04.01.2023 26)UNECE Regulation № 105 Revision 3/24.09.2023 33)UNECE Regulation № 111/ 28.12.2000 З6) |
| 4.3. fuel consumption\* (road train) | БДС 16287:1985 |
| 4.4. braking performance\*\* | Ordinance № Н-32/ 2011, Annex 5, Part II, last amended 22.12.2023 47)UNECE Regulation № 13 Revision 9/05.06.2023 2)UNECE Regulation № 79 Revision 5/04.01.2023 26) |
| 5. | Two-, three- and four-wheel vehicles (category L) | 5.1. linear and/or angular dimensions\*\* | БДС 4624:1972;Delegated Regulation (EU) № 3/2014, XII, Annexes II, VI, IX, X, XII, XIII, XV, XVI 41)Delegated Regulation (EU) № 44/2014, Annexes V, VIII, XI, XIV, XVI 42)Implementing Regulation (EU) № 901/2014, Annex V 44)UNECE Regulation № 46 Revision 7/08.10.2022 12)UNECE Regulation № 53 Revision 4/08.10.2016 15)UNECE Regulation № 55 Revision 2/08.10.2015 16)UNECE Regulation № 60 Revision 1/03.11.2013 19)UNECE Regulation № 74 Revision 2/22.07.2009 24)UNECE Regulation № 78Revision 3/08.10.202226)UNECE Regulation № 81/ 01/03/1989 27)UNECE Regulation № 121 Revision 2/15.06.2015 37)Metrology & Measuring Tools, ISBN 978-954-334-093-4, vol. 2, Chapter 6 50) |
| 5.2. mass, load, strength\*\* | БДС 4624:1972;Delegated Regulation (EU) № 3/2014, Annexes Ш, VIII, IX, X 41)Delegated Regulation (EU) № 44/2014,Annexes XI, XIII, XVI 42)UNECE Regulation № 46Revision 7/08.10.2022 12)UNECE Regulation № 81/ 01.03.1989 27) |
| 5.3. time\* | БДС 4624:1972Delegated Regulation (EU) № 3/2014, Annex III 41)UNECE Regulation № 78Revision 3/08.10.202225) |
| 5.4. driving distance\* | БДС 4624:1972UNECE Regulation № 78 Revision 3/08.10.202225) |
| 5.5. driving speed\* | БДС 4624:1972;ISO 7116:2011;ISO 7117:2010;ISO 8709:2010;Delegated Regulation (EU) № 3/2014, Annex III, VIII41)UNECE Regulation № 39 Revision 2/18.06.2016 г. 8)UNECE Regulation № 46 Revision 7/08.10.2022 12)UNECE Regulation № 78 Revision 3/08.10.2022г.25) |
| 5.6. fuel consumption\* | БДС 4624:1972 |
| 5.7. noise level\* | БДС 12948:1986; ISO 5130:2019 Regulation (EU) № 168/2013 Annex VI D 40)Delegated Regulation (EU) № 3/2014, Annex II 41);Delegated Regulation (EU) № 134/2014, Annex IX Appendix 1, item 2.1 and 2.2; Appendix 2, item 2.1 and 2.2;Appendix 3, item 2.1, 2.2 and 2.3 49)UNECE Regulation № 9 Revision 4/08.10.2022 1)UNECE Regulation № 41 Revision 2/13.04.2012 9)UNECE Regulation № 51Revision 3/20.01.201614)UNECE Regulation № 63 Revision 1/03.11.2013 21) |
| 6. | Road vehicles for transport of dangerous goods | 6.1. mass, load, time, driving distance, driving speed | БДС EN 12972:2018 |
| 6.2. tightness | БДС EN 12972:2018 |
| 6.3. hydraulic pressure | БДС EN 12972:2018 |
| 7. | Electric forklifts and forklift trucks. | 7.1. linear dimensions | БДС EN ISO 3691-1:2015/А1:2020;БДС EN ISO 3691-5:2015/А1:2020 |
| 7.2. mass and load | БДС EN ISO 3691-1:2015/А1:2020;БДС EN ISO 3691-5:2015/А1:2020 |
| 7.3. traction and braking forces; forces applied to controls | БДС EN ISO 3691-1:2015/А1:2020;БДС EN ISO 3691-5:2015/А1:2020 |
| 7.4. time | БДС EN ISO 3691-1:2015/А1:2020 |
| 7.5. driving distance | БДС EN ISO 3691-1:2015/А1:2020 |
| 7.6. driving speed | БДС EN ISO 3691-1:2015/А1:2020 |
| 7.7. hoisting speed | БДС EN ISO 3691-1:2015/А1:2020 |
| 7.8. stability | БДС EN ISO 3691-1:2015/А1:2020;БДС EN ISO 3691 5:2015/А1:2020;ISO 22915-2:2018;ISO 22915-3:2021;ISO 22915-4:2018;ISO 22915-8:2018;ISO 22915-13:2012;ISO 22915-14:2010 |
| 7.9. ambient noise level | БДС EN 12053:2001 + A1:2008 |
| 7.10. vibrations | БДС EN 13059:2002 + A1:2008 |
| 8. | Safe deposit boxes, vault doors | 8.1. full/partial access resistance | БДС EN 1143-1:2019;БДС EN 14450:2018 |
| 8.2. anchor connection strength | БДС EN 1143-1:2019;БДС EN 14450:2018 |

**Notes:**

\*Testing shall be performed on a test range.

\*\* The test shall be performed in the permanent premises of the laboratory and in a test range.

Tests without an additional identification mark shall only be performed on the premises of the laboratory.

**References:**

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| 1 | UNECE Regulation № 9 Revision 4/08.10.2022 | Uniform provisions concerning the approval of category L2, L4 and L5 vehicles with regard to sound emission. |
| 2 | UNECE Regulation № 13 Revision 9/05.06.2023 | Uniform provisions concerning the approval of vehicles of categories M, N and O with regard to braking |
| 3 | UNECE Regulation № 13-Н Revision 4/09.02.2017 | Uniform provisions concerning the approval of passenger cars with regard to braking |
| 4 | UNECE Regulation № 14 Revision 7/22.06.2022 | Uniform provisions concerning the approval of vehicles with regard to safety-belt anchorages, ISOFIX anchorages systems, ISOFIX top tether anchorages and i-Size seating positions. (items 5.4.3, 6.3.1, 6.3.2, 6.3.3, 6.3.4, 6.4.1, 6.4.2, 6.4.3) |
| 5 | UNECE Regulation № 21 Revision 2/12.10.1993 | Uniform provisions concerning the approval of vehicles with regard to their interior fittings |
| 6 | UNECE Regulation № 26 Revision 2/03.02.2023 | Uniform provisions concerning the approval of vehicles with regard to their external projections |
| 7 | UNECE Regulation № 28/ 31.10.1972 | Uniform provisions concerning the approval of audible warning devices and of motor vehicles with regard to their audible signals |
| 8 | UNECE Regulation № 39 Revision 2/18.06.2016 | Uniform provisions concerning the approval of vehicles with regard to the speedometer equipment including its installation |
| 9 | UNECE Regulation № 41 Revision 2/13.04.2012 | Uniform provisions concerning the approval of motor cycles with regard to noise. |
| 10 | UNECE Regulation № 43/ Revision 4/08.10.2015 | Uniform provisions concerning the approval of safety glazing materials and their installation on vehicles |
| 12 | UNECE Regulation № 46 Revision 7/08.10.2022 | Uniform provisions concerning the approval of devices for indirect vision and of motor vehicles with regard to the installation of these devices |
| 13 | UNECE Regulation № 48 Revision 12/09.10 2014 | Uniform provisions concerning the approval of vehicles with regard to the installation of lighting and light-signalling devices |
| 14 | UNECE Regulation № 51 Revision 3/20.01.2016 | Uniform provisions concerning the approval of motor vehicles having at least four wheels with regard to their noise emissions |
|  15 | UNECE Regulation № 53 Revision 4/08.10.2016 |  Uniform provisions concerning the approval of category L 3 vehicles with regard to the installation of lighting and light-signalling devices |
|  16 | UNECE Regulation № 55 Revision 2/08.10.2015 | Uniform provisions concerning the approval of mechanical coupling components of combinations of vehicles |
|  17 | UNECE Regulation № 58 Revision 3/18.06.2016 | Uniform conditions concerning the approval of:1. Rear Underrun Protection Devices (RUPDs)
2. Vehicles with regard to the Installation of an RUPD of an approved type
3. Vehicles with regard to their Rear Underrun Protection (RUP)
 |
|  18 | UNECE Regulation № 59 Revision 3/25.09.2020 | Uniform provisions concerning the approval of replacement silencing systems |
| 19 | UNECE Regulation № 60 Revision 1/03.11.2013 | Uniform provisions concerning the approval of two-wheeled motor cycles and mopeds with regard to driver-operated controls including the identification of controls, tell-tales and indicators. |
| 20 | UNECE Regulation № 61/ 15.07.1984 | Uniform provisions for the approval of commercial vehicles with regard to their external projections forward of the cab’s rear panel |
| 21 | UNECE Regulation № 63 Revision 1/03.11.2013 | Uniform provisions concerning the approval of L1 category vehicles with regard to sound emission |
| 22 | UNECE Regulation № 67 Revision 6/31.01.2023 | Uniform conditions concerning:1. Approval of specific equipment of motor vehicles using liquefied petroleum gases in their propulsion system
2. Approval of M and N category vehicles fitted with specific equipment for the use of liquefied petroleum gases in its propulsion system with regard to the installation of such equipment
 |
| 23 | UNECE Regulation № 73 Revision 1/09.12.2010 | Uniform conditions concerning the approval of:1. Vehicles with regard to their lateral protection devices (LPD)
2. Lateral protection devices (LPD)
3. Vehicles with regard to the installation of LPD of an approved type according to Part II of this Regulation
 |
| 24 | UNECE Regulation № 74 Revision 2/22.07.2009 | Uniform provisions concerning the approval of category L1 vehicles with regard to the installation of lighting and light-signalling devices |
| 25 | UNECE Regulation № 78 Revision 3/08.10.2022 | Uniform provisions concerning the approval of vehicles of categories L1, L2, L3, L4 and L5 with regard to braking. |
| 26 | UNECE Regulation № 79 Revision 5/04.01.2023 | Uniform provisions concerning the approval of vehicles with regard to steering equipment |
| 27 | UNECE Regulation № 81/ 01.03.1989 | Uniform provisions concerning the approval of rear-view mirrors of two-wheeled power-driven vehicles with or without side-car, with regard to the mounting of rear-view mirrors on handlebars. |
| 28 | UNECE Regulation № 84/ 15.07.1990 | Uniform provisions concerning the approval of: passenger cars equipped with an internal combustion engine with regard to the measurement of fuel consumption. |
| 29 | UNECE Regulation № 89/ 21 01 2000 | Uniform conditions concerning the approval of:Vehicles with regard to limitation of their maximum speed or their adjustable speed limitation function.1. Vehicles with regard to the installation of a speed limitation device (SLD) or adjustable speed limitation device (ASLD) of an approved type.
2. Speed limitation device (SLD) and adjustable speed limitation device (ASLD).
 |
| 30 | UNECE Regulation № 100 Revision 3/23.03.2022 | Uniform provisions concerning the approval of vehicles with regard to specific requirements for the electric power train |
| 31 | UNECE Regulation № 102/ 13.12.1996 | Uniform conditions concerning the approval of:1. A close-coupling device (CCD)
2. Vehicles with regard to the fitting of an approved type of CCD.
 |
| 32 | UNECE Regulation № 103 Revision 1/23.02.1997 | Uniform provisions concerning the approval of replacement catalytic converters for power-driven vehicles. |
| 33 | UNECE Regulation № 105 Revision 3/24.09.2023 | Uniform provisions concerning the approval of vehicles intended for the carriage of dangerous goods with regard to their specific constructional features. |
| 34 | UNECE Regulation № 107 Revision 9/08.10.2022 | Uniform provisions concerning the approval of category M2 or M3 vehicles with regard to their general construction. |
| 35 | UNECE Regulation № 110 Revision 7/22.06.2022  | Uniform conditions concerning the approval of:I. specific components of motor vehicles using compressed natural gas (CNG) in their propulsion system; — II. vehicles with regard to the installation of specific components of an approved type for the use of compressed natural gas (CNG) in their propulsion system |
| 36 | UNECE Regulation № 111/ 28.12.2000 | Uniform provisions concerning the approval of tank vehicles of categories N and O with regard to rollover stability. |
| 37 | UNECE Regulation № 121 Revision 2/15.06.2015 | Uniform provisions concerning the approval of vehicles with regard to the location and identification of hand controls, tell-tales and indicators |
| 38 | UNECE Regulation № 125 Revision 3/08.10.2022 | Uniform provisions concerning the approval of motor vehicles with regard to the forward field of vision of the motor vehicle driver |
| 39 | Implementing Regulation (EU) 2021/535 | laying down rules for the application of Regulation (EU) 2019/2144 of the European Parliament and of the Council as regards uniform procedures and technical specifications for the type-approval of vehicles, and of systems, components and separate technical units intended for such vehicles, as regards their general construction characteristics and safety. Annex II; Statutory plate and the vehicle identification number;Annex III: Space for mounting and fixing of front and rear registration platesAnnex V: Wheel guards;Annex VII: Towing devices;Annex VIII: Spray suppression systems;Annex X: Vehicle access;Annex XIII: Masses and dimensions |
| 40 | Regulation (EU) № 168/2013 | on the approval and market surveillance of two- or three-wheel vehicles and quadricyclesAnnex VI: (D): Sound-level limits — Euro 4 and Euro 5. |
| 41 | Delegated Regulation (EU) № 3/2014 | Supplementing Regulation (EU) № 168/2013 of the European Parliament and of the Council with regard to vehicle functional safety requirements for the approval of two- or three-wheel vehicles and quadricyclesAnnex II. Test procedures and performance requirements applying to audible warning devicesAnnex III: Requirements applying to braking, including anti-lock and combined braking systems if any installed.Annex VI: Requirements applying to front and rear protective structures.Annex VIII: Requirements applying to driver-operated controls including identification of controls, tell-tales and indicators.Annex IX: Requirements applying to installation of lighting and light signalling devices, including automatic switching of lighting.Annex X: Requirements regarding rearward visibility.Annex XII: Requirements applying to safety belt anchorages and safety belts.Annex XIII. Requirements applying to seating positions (saddles and seats).Annex XV: Requirements regarding the installation of tyres.Annex XVI: Requirements applying to the vehicle maximum speed limitation plate and its location on the vehicle. |
| 42 | Delegated Regulation (EU) № 44/2014 | Supplementing Regulation (EU) № 168/2013 of the European Parliament and of the Council with regard to the vehicle construction and general requirements for the approval of two- or three-wheel vehicles and quadricyclesAnnex V: Requirements applying to coupling devices and attachments.Annex VIII: Requirements applying to external projections.Annex XI: Requirements applying to masses and dimensions.Annex XIII: Requirements applying to passenger handholds and footrests.Annex XIV: Requirements applying to the registration plate space.Annex XVI: Requirements applying to stands. |
|  43 | Delegated Regulation (EU) № 134/2014 | Supplementing Regulation (EU) № 168/2013 of the European Parliament and of the Council with regard to environmental and propulsion unit performance requirements and amending Annex V thereof.Annex IX: Test type IX requirements: sound level.Appendix 1: Sound level test requirements for powered cycles and two-wheel mopeds (category L1e), items 2.1 and 2.2.Appendix 2: Sound level test requirements for motorcycles (categories L3e and L4e), items 2.1 and 2.2.Appendix 3: Sound level test requirements for three-wheel mopeds, tricycles and quadricycles (categories L2e, L5e, L6e and L7e), items 2.1, 2.2 and 2.3. |
|  44 | Implementing Regulation (EU) № 901/2014 | Implementing Regulation (EU) № 168/2013 of the European Parliament and of the Council with regard to the administrative requirements for the approval and market surveillance of two- or three-wheel vehicles and quadricyclesAnnex V: Model of the EU type-approval certificate for a separate technical unit or component |
| 45 | Directive 70/157/EEC, last amended 10.06.2013 | On the approximation of the laws of the Member States relating to the permissible sound level and the exhaust system of motor vehicles |
| 46 | Regulation (EU) 2018/858 last amended 06.09.2021 | On the approval and market surveillance of motor vehicles and their trailers, and of systems, components and separate technical units intended for such vehicles, amending Regulations (EC) № 715/2007 and (EC) № 595/2009 and repealing Directive 2007/46/EC |
| 47 | Ordinance № Н-32/ 2011 last amended 22.12.2023 | Ordinance № Н-32/ 16.12.2011 On periodic roadworthiness tests for road motor vehicles, by MTITC, SG № 104/27.12.2011, last Amd. SG № 106/22.12.2023 |
| 48 | Ordinance № 60/ 2009, last amended 09.10.2020 | For the type-approval of motor vehicles and their trailers |
| 49 | Ordinance № 61/ 2003, last amended 01.07.2013 | On the type-approval of new motor vehicles with regard to the permissible sound level and the type-approval of the exhaust system |
| 50 | Reference HandbookGuidebook Metrology & Measuring/ ISBN 978-954-334-093-4 2010 | Metrology & Measuring Tools, ISBN 978-954-334-093-4, vol. 2, Chapter 6 |